

Linear Equations Problem Set #2 (and some Alg too)

Date _____

Write the slope-intercept form of the equation of each line given the slope and y-intercept.

1) Slope = 3, y-intercept = -1

2) Slope = -5 , y-intercept = 0

Write the slope-intercept form of the equation of the line through the given points.

3) through: $(1, -2)$ and $(3, 0)$

4) through: $(3, -3)$ and $(-2, -1)$

Find each product.

5) $(2m + 8)(3m + 4)$

6) $(5r - 4)(r + 8)$

Factor each completely.

7) $5p^2 - 20p + 20$

8) $n^2 - 5n - 6$